



Main

Range	Acti 9
Product or component type	Voltage release
Device short name	ICNV
Poles description	2P

Complementary

[Ue] rated operational voltage	230 V, AC, 50 Hz. (between phase and neutral)
Supply voltage limits	1 phase: 50...440 V, AC
[Ie] rated operational current	63 A
OV/UV auto-reset compulsive delay time	Overvoltage: 275 V (Tripping time:3...15 s) Overvoltage: 300 V (Tripping time:1...5 s) Overvoltage: 350 V (Tripping time:0.25...0.75 s) Overvoltage: 400 V (Tripping time:0.1...0.2 s) Undervoltage: 50...160 V (Tripping time:0.6...5 s) Lockout:
Reset	Automatic reset 25...35 s 253 V for overvoltage Automatic reset 25...35 s 195 V for undervoltage
Electric clearance	1.2 mm
Leakage current	< 2 mA
Creepage distance	5.6 mm
[Uimp] rated impulse withstand voltage	4 kV (between phases) 4 kV (between phase and neutral)
Local signalling	Indicator light green: steady (fault) Indicator light green: flashing (lock) Indicator light red: steady (operating) Indicator light red: flashing (replacement warning)
Response time	Contact open (< 1 s) Contact closed (< 3 s)
Time delay	0...800 s on-delay
Function available	Real time voltage detection
[Ui] rated insulation voltage	500 V
Rated breaking and making capacity	504 A, (recover voltage: 242 V, cosΦ=0.85,12 times)
[Icw] rated short-time withstand current	504 kA, 4 s
Mounting support	DIN rail
Mounting mode	By clips
Cable entry	Bottom entry
Mounting location	Downstream
Installation direction	Horizontal Vertical
Use category	Indoor installation
9 mm pitches	4
Height	84.8 mm
Width	36 mm
Depth	< 72 mm

Colour tint	Housing: white (RAL 9003) Clips: yellow (Pantone 109C)
Electrical durability	12000 cycles (63 A, 285 V AC, $\cos\Phi=0.9$)
Mechanical robustness	Vibrations: , 3 Gn, 5...100 Hz, according to IEC 60068-2-6 Shocks: 6 ms, 30 Gn (with protective package), according to IEC 60068-2-27 Free fall resistance: (0.8m, without package)
Service life	10 yr
Electromagnetic compatibility	Electrostatic discharge immunity test: , 6 kV, level 3 (contact discharge), according to IEC 61000-4-2 Electrostatic discharge immunity test: , 8 kV, level 3 (air discharge), according to IEC 61000-4-2 Surge immunity test: , 2 kV (common mode), according to IEC 61000-4-5 Surge immunity test: , 4 kV (differential mode), according to IEC 61000-4-5 Electrical fast transient/burst immunity test: , 4 kV, 2.5 kHz, 5 kHz and 100 kHz, according to IEC 61000-4-4 Immunity to conducted disturbances: , 10 V, 0.15...80 MHz, level 3, according to IEC 61000-4-6 Immunity to conducted RF disturbances: , 10 V, 80...1000 MHz and 1400...6000 MHz, level 3, according to IEC 61000-4-3 Conducted emission: , class B Radiated emission: , class B
Connections - terminals	Tunnel type terminals: rigid: 1...35 mm ² , without cable end, (top or bottom) Tunnel type terminals: flexible: 1...25 mm ² , with or without cable end, (top or bottom)
Tightening torque	3.5 N.m, power circuit

Environment

Standards	JB/T 12762-2015
Product certifications	REACH
Directives	2002/95/EC - RoHS directive
IP degree of protection	On front face: IP40 (according to IEC 60529) Other parts: IP20 B (according to IEC 60529)
Pollution degree	2
Operating altitude	<= 2000 m
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...80 °C
Relative humidity	0...75 % operating 0...95 % storage

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1630 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental
Product end of life instructions	Need no specific recycling operations